

$XYZ_w = 103.66, 99.99, 52.43$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [ (x - x_c) / y ]$

$b_2 = b_{20} [ z / y ]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 1,800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

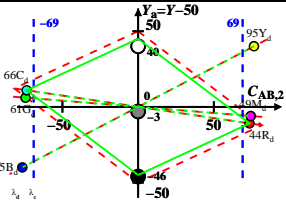
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$  im

linearen Farbenraum ( $C_{AB,2} \rightarrow Y$ )

Lichtart P35,  $Y_w = 100, Y_N = 10$

| Name           | Bereich | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|----------------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| R <sub>d</sub> | 575_775 | 73.31  | 44.09 | 5.32  | 0.5973 | 0.3592 | 605         | 496         |
| Y <sub>d</sub> | 500_775 | 96.26  | 95.08 | 7.49  | 0.4841 | 0.4781 | 578         | 472         |
| G <sub>d</sub> | 500_575 | 33.41  | 61.08 | 7.46  | 0.3277 | 0.599  | 548         | 548c        |
| C <sub>d</sub> | 380_575 | 40.82  | 66.01 | 52.4  | 0.2563 | 0.4145 | 496         | 605         |
| B <sub>d</sub> | 380_500 | 17.88  | 15.02 | 50.23 | 0.215  | 0.1807 | 472         | 578         |
| M <sub>d</sub> | 575_500 | 80.73  | 49.02 | 50.26 | 0.4484 | 0.2723 | 548c        | 548         |
| W <sub>d</sub> | 380_775 | 103.66 | 99.99 | 52.43 | 0.4047 | 0.3904 | 100%        |             |
| N <sub>d</sub> | 380_775 | 10.36  | 9.99  | 5.24  | 0.4047 | 0.3904 | 10%         |             |
| Z <sub>d</sub> | 380_775 | 18.66  | 18.0  | 9.43  | 0.4047 | 0.3904 | 18%         |             |



**Parameter:**  
**Y & Name**  
**Lichtart P35**  
 $Y_w = 100, Y_N = 10$